

GAMA Domestic Well Assessment Project – San Diego County, Ca 2008 - 2009

Wells above Threshold Level (%)	Constituent	Range of Values (in wells above Threshold Level)	Threshold Levels*		
			Primary MCL**	Secondary MCL†	DPH Notification Level
Bacteria Indicators – 137 wells sampled					
34 (25%)	Total Coliform	Present	Present		
Major Anions – 137 wells sampled					
25 (18%)	Nitrate (as Nitrate)	45 – 249 mg/L	45 mg/L		
2 (1%)	Sulfate	538 - 613 mg/L		500 mg/L	
3 (2%)	Chloride	520 -692 mg/L		500 mg/L	
Inorganics – 137 wells sampled					
2 (1%)	Vanadium***	58.5 – 65.8 µg/L			50 µg/L
3 (2%)	Arsenic	10.1 - 15.7 µg/L	10 µg/L		
1(1%)	Barium	1,350 µg/L	1,000 µg/L		
2 (1%)	Cadmium	5.9 -9.4 µg/L	5 µg/L		
1 (1%)	Fluoride	3.4 mg/L	2 mg/L		
2 (1%)	Zinc	9,400- 13,900 µ/L		5,000 µg/L	
5 (4%)	Perchlorate	6. – 14 µg/L	6 µg/L		
45 (33%)	Manganese	52.3 – 679 µg/L		50 µg/L	
3 (2%)	Boron***	1.11-1.25 mg/L			1 mg/L
20 (15%)	Specific Conductance	1,630 – 2,600 µmhos/cm		1,600 µmhos/cm	
22 (16%)	Total Dissolved Solids	1,010 – 1,830 mg/L		1,000 mg/L	
Radionuclides - 54 selected wells sampled					
19 (35%)	Gross Alpha	15.8 -170 pCi/L	15 pCi/L		
2 (4%)	Radium 226+228	5.06-23.7 pCi/L	5 pCi/L		
16 (30%)	Uranium	22.2 - 174 pCi/L	20 pCi/L		

*"Threshold Levels" for Public Drinking Water Supplies include MCLs, SMCL and NLs. Private Domestic Wells are not regulated. The threshold levels are provided for comparison purposes only.

**MCL – Maximum Contaminant Level for public drinking water supplies established by Calif. Dept of Public Health.

*** MCLs have not been established for these constituents

[†] Upper SMCLs

mg/L – milligrams per liter

µg/L – micrograms per liter

µmhos/cm – micromhos per centimeter